update release notes

hp StorageWorks business copy eva/ma/ema host agent v2.1a for IBM AIX

Product Version: v2.1a

Fourth Edition (May 2003)

Part Number: AA–RQ7WD–TE

The HP StorageWorks "Business Copy (BC) for enterprise virtual array (EVA), modular array (MA), and enterprise modular array (EMA)" is the new name for the "Enterprise Volume Manager (EVM)" software.

This document summarizes features and characteristics of the HP StorageWorks Business Copy Host Agent v2.1a for IBM AIX release that are not covered elsewhere in the documentation set.

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About this Document

This section describes the content reflected in this document, including:

- Release Notes Information, page 3
- Intended Audience, page 3
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Release Notes Information

These Release Notes cover the following BC topics:

- Hardware and Software Requirements, page 4
- Changes From the Previous Release, page 5
- Limitations and Known Issues, page 6

Intended Audience

This document is intended for customers who purchased EVM V2.0x or BC v2.1 and are now updating these environments to BC v2.1a, and for HP authorized service providers responsible for installing, configuring, and maintaining systems that include BC software.

Business Copy Documentation

BC documentation includes documents distributed through an initial purchase of EVM V2.0, EVM V2.0D, or BC v2.1 (contained in an EVM or BC documentation kit) and through a Web release of BC updates. Refer to the *HP StorageWorks Business Copy EVA/MA/EMA v2.1a Update Read Me First* (AA–RQ70F–TE) for a list of these documents and document part numbers.

Visit the BC product page website (http://h18000.www1.hp.com/products/storage/software/bizcopyeva/index.html for all available BC documentation (except the BC online Help & User Guide).

Business Copy Product Updates

BC product updates, if available, are located at the BC software and drivers page website: http://h18000.www1.hp.com/products/storage/software/softwaredrivers/bizcopyeva/index.html.

Hardware and Software Requirements

The following topic identifies a hardware and software requirement change for this BC host agent.

Patch Kit Requirement—BC v2.1a requires patch kit 11 for IBM AIX 4.3.3. Do not use patch kit 10, which causes BC job mounting failures with *varyonvg* errors.

Changes From the Previous Release

Notable BC Host Agent v2.1a changes include the following:

- Fixed Execute Permission Removal on /etc/rc.shutdown, page 5
- Fixed Group Write Permission Addition on /usr and /usr/opt, page 5

Fixed Execute Permission Removal on `/etc/rc.shutdown`

Previous releases of the BC or EVM Host Agent inadvertently removed the execute permission from the `/etc/rc.shutdown` file when the Host Agent was uninstalled. This problem has been corrected.

Fixed Group Write Permission Addition on `/usr` and `/usr/opt`

Previous releases of the BC or EVM Host Agent inadvertently added group write permission for the `/usr` and `/usr/opt` directories during BC host agent installation. This problem has been corrected.

Limitations and Known Issues

This section is an extension of a similar section in the *HP StorageWorks Business Copy EVA/MA/EMA v2.1a Update Network Administration Guide* (AA–RQ72F–TE) and can help avoid problems while using BC v2.1a. Limitations and known issues include the following topics:

- Replication and the UNMOUNTVGSOURCE Variable, page 6
- UNIX OSs with Netscape Browsers and JRE 1.4.0x, page 6
- Installation and Uninstallation Processes Problem, page 7

Replication and the `UNMOUNTVGSOURCE` Variable

Description: When the `UNMOUNTVGSOURCE` variable is set to *true*, BC jobs *cannot* replicate:

- A Volume Group (VG) by the VG name; the job must snap a VG member (logical volume) by name.
- A *raw* VG.

This problem applies only to the following OSs: HP-UX and IBM AIX.

Error Indication: The BC job that contains the VG name will fail when the job reaches the FREEZE step. The Job Details page for the failed job indicates `Remote spawn request has failed` in the blue status bar.

Resolution/ Workaround: To replicate a VG, select one of the VG members (logical volumes/mount points) within the VG to be replicated. This selection method will replicate each of the logical volumes that comprise the VG.

This issue did not exist in the EVM V2.0x host agent version. If a BC job containing a VG name fails, check to see if the failure occurred due to the `UNMOUNTVGSOURCE` variable setting as stated above. The BC job may require modification to allow the job to run without error.

This replication bug will be corrected in a future release.

UNIX OSs with Netscape Browsers and JRE 1.4.0x

Description: Sporadically, UNIX® OSs with Netscape browsers and JRE versions 1.4.0x may experience a problem entering data in specific fields of the Job Create page. This intermittent problem is referenced as a known bug in the Sun Microsystems Bug Database (# 4767070).

Error Indication: Inability to insert text in the **Name**, **Owner**, and **Category** fields of the Job Create page.

Resolution/ Workaround: A fix is in JRE 1.4.1_02. A workaround for prior JRE versions involves using the mouse to change *focus* away from the current application to another window, and then returning back to the current application.

In BC, for example, the user can click *focus* away from the applet area in BC by:

1. Clicking in the upper header area of the BC GUI, and then
2. Clicking back within the applet area to regain focus on the text fields.

Installation and Uninstallation Processes Problem

Description: During BC host agent installation and uninstallation processes, the group ownership changes for the following files to either *system* or *sys*, depending on the context:

```
/etc/services
/etc/rc.shutdown
```

Error Indication: None.

Resolution/ Workaround: Issue a `chgrp` command to change the group ownership back to the desired setting.

This problem will be fixed in a future BC release.